



United States Environmental Protection Agency
Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

RCRA HAZARDOUS WASTE INSPECTION REPORT

Date: March 8, 2016

From: Susann D. Nachmann, Environmental Engineer
RCRA, EPCRA and Federal Programs Unit

Thru: Lisa Papetti, Senior Enforcement Coordinator
RCRA, EPCRA and Federal Programs Unit

To: **RCRA Enforcement File**

Subject: Environmental Protection Agency ("EPA") Resource Conservation and Recovery Act ("RCRA") Inspection of UPACO Industries, Inc., Nashua, New Hampshire

I. GENERAL INFORMATION

Facility Name: UPACO Industries, Inc.,
Also known as: UPACO Division, Worthen Industries, Inc.
(the "UPACO" or the "Facility")
Facility EPA Identification Number: NHD001038348
Type of Inspection (CEI, FCI, CSI, etc.): CEI
Name of inspectors: Susann D. Nachmann, Environmental Engineer
Donald R. MacLeod, Environmental Engineer
Date(s) of inspection: May 8, 2015

II. SITE INFORMATION

NAICS: 32552 (Adhesives manufacturing)
Site Name: UPACO Division, Worthen Industries, Inc.
Complete Street Address: 3 East Spit Brook Road
Nashua, New Hampshire 03060
www.worthenind.com
Complete Mailing Address: Same
Contact Name(s) and Title(s):
Stephen J. Hutter, Chief Manufacturing Officer
603-821-5954
Valerie A. Connelly, Plant Manager
603-821-5930
Pamela Doyon, Quality/Environmental Engineer
603-888-5443, extension 264
Wayne M. Gibson, Occupational Health and Safety Manager, CSHO
603-821-5936

Date of Notification of Hazardous Waste Activities:

Initial notification:

July 31, 1980 (as a federal large quantity generator)

Date established at present location: c.a. 1973

Union Paste Company (UPACO) and New York Laminating Company (NYLCO) divisions integrated under the Worthen name in the 1080s.

Property owned: David Worthen, President
(same address)

NOTIFICATION IN RCRAInfo (highlight) all that apply)

[FED]	CT	MA	ME	NH	RI	VT
[LQG]	LQG	LQG	LQG	FQG1	LQG	LQG
[SQG]	SQG	SQG	SQG+	FQG2	SQG	SQG
[CESQG]	CESQG	CESQG	CESQG	SQG	CESQG	CESQG

☐ TSD

☒ Universal Waste Handler (circle one): SMALL

☐ Burner/Blender

☐ Transporter

☐ Receiving waste from off-site (if so, describe):

☒ Generator of Federal and State Waste

☐ Non-Notifier

☐ Other:

Facility Operating Status if different from above:

The Facility is notified and was operating as a federal large quantity generator/state full quantity generator (FQG1)

In-Brief

Credentials Presented: Yes

Attendees (names/titles):

Susann Nachmann, EPA;

Donald MacLeod, EPA; and

Facility Representatives (as listed above)

Facility Description (principal business, building and property layout):

UPACO Division, Worthen Industries Inc., has three major manufacturing lines. The first is adhesives used by a wide variety of industries (e.g., automotive, construction, foot wear waterproofing, furniture/mattresses, industrial laminating, packaging, pressure sensitive substrates, and strip staples, nails and fasteners).

The second major product line corresponds to coatings also used in a wide variety of industries (foot wear waterproofing, paper, strip staples/nails/fasteners, woven and non-woven fabrics).

The third product line is film extrusion for the following example industrial applications (e.g., foot wear, high molecular weight (HMW) co-polymer films, medical films, printable films, and

films used in the renewable energy/transportation/waterproofing sectors. The Facility has locations in New Hampshire, Virginia and Michigan, as well as worldwide locations in China, Hong Kong, Vietnam and Indonesia.

Number of employees/Number of shifts: There are approximately 80-90 employees. The Facility operates a single shift, Mondays-Fridays, with variable shift hours. However, the Extruder Operation runs four days per week over two 12-hour shifts.

Types of Waste Handled:

- ☒ Ignitable (D001)
- ☒ F or K listed wastes: **F003/F005**
- ☒ Used Oil
- ☒ Corrosive (D002)
- ☐ P or U listed wastes:
- ☐ State Regulated Wastes
- ☐ Reactive (D003)
- ☐ Precious Metals
- ☐ Unknown Wastes
- ☒ TCLP (D004 – D043): **D018/D035**
- ☐ Hazardous Scrap Metals
- ☒ Universal Wastes (Types: fluorescent lamps and various batteries)
- ☐ Other (specify):

Comments (descriptions and constituents if known):

D018: Benzene

D035: Methyl ethyl ketone

F003/F005: Non-halogenated solvents

Handling/Management Methods:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Containers | <input type="checkbox"/> Tanks – aboveground |
| <input type="checkbox"/> Wastewater Treatment (“WWTU”) | <input type="checkbox"/> Tanks – underground |
| <input type="checkbox"/> Drip pads | <input type="checkbox"/> Containment building |
| <input checked="" type="checkbox"/> HWSA (s) | <input checked="" type="checkbox"/> SAA(s) Number: 10 |
| <input type="checkbox"/> Other (solvent recycling unit) | |

Comments:

Areas inspected (description and location):

1. Warehouse 1= Storage of non-hazardous/non-flammable finished products and raw materials;
2. DNI (Do Not Inventory) and Reject product storage in Warehouse 1

[Note: Facility representatives provided a detailed inventory at the time of the inspection which indicated the final disposition of many of these materials stored in Warehouse 1 and Warehouse 2, such as: product re-working, used in research and development, internal utilization, alternate sales options, reformulation options, and re-entrainment into ongoing product manufacturing. The inventory indicated that these materials are regularly reviewed and that small amounts of them are slated for storage and disposal within the Facility’s hazardous and non-hazardous waste management program.]

3. Water-based manufacturing area;
4. Maintenance Shop;
5. Interior Bulk Tank Storage near Maintenance Department;
6. Warehouse 2= Flammable products and raw materials;
7. Eight (8) empty 10,000-gallon latex product tanks near Warehouse 2;
8. DNI (Do Not Inventory) and Reject product storage in Warehouse 2;
9. Acid Dye Area near Warehouse 2;
10. Churn Room;
11. Ross Reactor Vessel;
12. Extrusion Area;
13. QC Laboratory;
14. Polymer Laboratory;
15. Staple Laboratory;
16. Film Laboratory; and
17. Specialty (Automotive) Laboratory.

The following hazardous waste storage areas located in the above listed locations were also inspected:

1. Less-than 90-day hazardous waste storage area (HWSA) located in the Shipping and Receiving Area;
2. Outside yard near the HWSA;
3. Universal Waste Storage area near Warehouse 2;
4. Satellite Accumulation Area (SAA) near Warehouse 2 for waste paint aerosol can waste. This includes a separate drum for the storage of punctured and empty scrap metal aerosol cans, and a separate 55-gallon metal drum with a plumbed aerosol spray can puncturing device and carbon cartridge (for hazardous waste);
5. SAA in the near Warehouse 2 (for used oil);
6. SAA in the Churn Room, Polymer-side of this manufacturing process (for hazardous waste);
7. SAA in the C11 Shoe Sole Area (for hazardous waste);
8. SAA associated with the Ross Reactor Vessel (for hazardous waste);
9. SAA in the Extrusion Area (non-hazardous waste);
10. SAA in the QC Laboratory (for hazardous waste);
11. SAA in the Polymer Laboratory (for hazardous waste);
12. SAA in the Staples Laboratory (for hazardous waste);
13. SAA in the Film Laboratory (for hazardous waste);
14. SAA in the Specialty (Automotive) Laboratory (for hazardous waste and non-hazardous waste); and
15. SAA in the Footwear Laboratory (for hazardous waste).

WASTES OBSERVED:

- Waste Profile (WP) 109-2955: Primer, off-specification/off-color material and residue from kettle wash containing primer (waste flammable liquid, corrosive, ethyl acetate, D001, D002);
- WP 109-3745: Cleaning out kettles, waste process clean-up mix (waste flammable liquid, D035, F005, NHX1);
- WP 109-2770: Off-specification water-based products (non-hazardous, non-DOT regulated);
- WP 109-5127: Ethyl alcohol and water from ethyl alcohol recovery system (D001/NHX1);

- WP 109-7724: Glycol and water spill/spill clean-up (non-hazardous, non-DOT regulated);
- WP 109-8244: Used oil, refined oil, excess raw material, white oil (non-hazardous, non-DOT regulated);
- WP 109-7899: Water with solvent, kettle wash of solvent recovery unit (waste flammable liquid, toluene, isopropanol, D001, F003);
- WP 109-2623: Flammable solids, out-of-date products that have been cured, gelled adhesives (D001, D0035, NHX1);
- WP 109-2621-A: Off-specification adhesive, waste solvent, off-specification customer adhesives and clean out of reactor kettles with solvent (waste flammable liquid, methyl ethyl ketone, toluene, D001, F003, F005, D035, NHX1);
- WP 109-2622: Filter bags, rags, debris from adhesive manufacturing (waste solids containing flammable liquids, D001, D035, F003, F005);
- WP 109-10210: Absorbents with formaldehyde, formaldehyde spill clean-up (waste solids containing corrosive liquids, formaldehyde, U122);
- WP not yet assigned: At the time of the inspection, the waste paint material from the aerosol spray can puncturing station near Warehouse 2 was described by Facility representatives as a brand new waste stream that had not yet been shipped or profiled. On May 8, 2015, during the inspection, Facility representatives generated a draft waste profile, based on generator knowledge, that declared the waste as "waste flammable spray paint, UN1993, waste flammable liquids, n.o.s., PGII, acetone, D001, U002 (2-propanone)." Also at the time of the inspection, the associated container received the additional ink stenciled markings as follows: "Acetone 67-64-1; Propane 74-98-6; Naphtha 64742-89-8; Butane 106-97-8."

See above List, all of which had undergone appropriate hazardous waste determinations. Furthermore, the wastes discussed during the inspection in-brief, observed during the facility tour, and reviewed on the Facility's current waste profiles and uniform hazardous waste manifests and land disposal restriction notifications were all consistent and in agreement.

Waste Stream	HWD (Y/N)	EPA/State Waste Code	Handling/ Disposal Method	Location	Comments	SAA/ HWSA

HAZARDOUS WASTE DETERMINATIONS

Requirements	Observations (Yes/NO/NA-Explain if needed)
Determination conducted for all waste streams, by what method	Yes, generator knowledge supported by some analytical data
Determination updated annually (documentation on-site)	Yes
Comments:	

IGNITABLES/REACTIVES/INCOMPATIBLES

Requirements	Observations (Yes/No/NA-Explain if Needed)
Ignitable & reactive wastes separated from sources of ignition or reaction	Yes

No smoking signs (for ignitable & reactive wastes)	Yes
Separation of all incompatibles (either incompatible wastes or wastes with incompatible containers)	Yes
Storage > 50 feet from property line	Yes
Comments:	<p>However, EPA did observe the storage of potentially incompatible inventory located near Warehouse 2 in the "Acid Dye Area" consisting of the following products:</p> <ul style="list-style-type: none"> • Fluotitane acid, • Hydrochloric acid, • Hypochlorite solutions, • Phosphoric acid; • Trichloroamine (container labeled "Danger-Oxidizer 5.1). The MSDS for this material identified it as ACL 90 Plus Chlorinating Compounds, and • "IPDI" (a.k.a. reactive isophorone diisocyanate liquid)

PREPAREDNESS & PREVENTION

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Wastes handled in a manner to minimize the potential for a fire, explosion or a release	Yes
Arrangements with local authorities	Yes
Immediate accessible to internal communications/alarm systems	Yes
Telephone/hand-held two-way radio	Yes
Emergency equipment (fire extinguishers, spill control decontamination equipment)	Yes
Equipment maintenance	Yes
Access to emergency equipment	Yes
Adequate aisle space (each area)	Yes
Adequate source of water in the event of a fire	Yes
Comments:	<p>The HWSA had an emergency contact posting, however, it was suspended from the front chain which cordoned off the HWSA. This posting should have been located at the telephone located near the HWSA.</p>

PRE-TRANSPORT REQUIREMENTS

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Packaging	Yes
Labeling (if applicable, DOT hazard class)	Yes
Marking (words "Hazardous Waste", generator information if being shipped)	Yes
Contents described	Yes
Proper DOT shipping name	Yes
Comments:	

SATELLITE ACCUMULATION

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Approximate number of satellite accumulation areas	10
Amount of waste per waste stream per satellite accumulation area (describe each area)	Yes, EPA observed appropriate amounts of waste/per waste stream in each SAA. The wastes observed at the SAAs compared well to the in-brief discussion of types of waste, the wastes described in the biennial report and the wastes described in the manifests and LDR notification forms.
Appropriate amount of waste storage in SAA	Yes
Containers labeled and marked with contents described	Yes
SAA at or near point of generation	Yes
Containers closed when not actively adding or removing waste	Yes
Condition of containers	Good conditions
Impermeable base	Yes
Secondary Containment	Yes
Spill Control material	Yes
Comments:	

CONTAINER STORAGE – HWSA

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Number of container storage areas	One HWSAs as described above
Location(s)	See above
Containers marked and contents described	Yes
Containers marked with accumulation start date	Yes

Approximate number & sizes of containers: Type(s) : <u> X </u> steel <u> X </u> poly <u> </u> fiber <u> </u> bag/sack <u> </u> lab pack <u> </u> roll-off, Other	varying number of drums and containers in each HWSA (55-gallon and 5-gallon)
Floor drains/sumps	No
Containers closed when not actively adding or removing waste	Yes
Condition of containers (leaks, ruptures, corrosion, heat, pressure)	Good condition
Impermeable base	Yes
Secondary Containment	Yes
Incompatibles separated by i.e., dike/wall	Yes
Storage less than 90 days or 180 days for SQG (hazardous waste)	Yes- less than 90-days
Spill Control material	Yes
Comments:	

WASTE TANKS

NOT APPLICABLE

<u>Requirements:</u>	<u>Observations (Yes/No/NA-Explain if Needed)</u>
Tank inventory/description (note type - above/underground, location, age, construction (materials), ancillary equipment, capacity & waste type(s))	
Adequate secondary containment for tanks and ancillary equipment. Describe leak detection system (including ancillary equipment).	
Describe corrosive protection system	
Special requirements for ignitable and reactive waters	
Labeling - Hazardous waste tanks, words "Hazardous Waste" and description of contents	
Tanks marked with accumulation start date, Storage less than 90days	
Overflow/High Level alarms	
Flow cut-off equipment	
Certification of major repairs to tank	
Evidence of releases/leaks, describe	
Release reported, date (if known)	
Any out of service tanks, describe	
Existing Tank Systems (installed before July 14, 1986) - written tank integrity assessment on-site (P.E. certified)	
Does assessment address all required items	
New Tank Systems (installed after July 14, 1986) - written tank design, construction/installation assessment on-site (P.E. certified)	

Does assessment address all required items	
Documented installation & tightness test on-site	
Comments:	

HAZARDOUS WASTE MANAGEMENT IN OTHER TYPE(S) OF UNITS NOT APPLICABLE

Requirements	Observations (Yes/NO/NA-Explain if needed)
Describe any other type of unit not described above, which is used for the storage or treatment of hazardous waste(s). Provide details of the unit construction and operation, wastes managed, amounts, frequency, and relevant procedures	
Does the operation of the unit listed above comply with all relevant RCRA standards	
Comments:	

USED OIL

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Does the facility generate used oil	Yes
Is the generator's used oil mixed with other waste(s)	No
What type of waste(s) is used oil mixed with - ___ Listed ___ Characteristic ___ Non-hazardous waste	No, per statements from Facility representatives
If mixture is with characteristic hazardous waste, is the combined waste tested for characteristics	unknown (see comment below)
Testing for rebuttable presumption	unknown (see comment below)
Total halogen content determination	unknown (see comment below)
Total halogen content determined by ___ testing or ___ generator knowledge	unknown (see comment below)
Are the total halogens ___ less than 1,000 ppm or ___ greater than 1,000 ppm	unknown (see comment below)
F-listed halogen constituents above 100 ppm	unknown (see comment below)
Used oil managed according to applicable standards	No (see comment below)
Is used oil accumulated on-site in: ___ Container(s) <u>X</u> Aboveground tank(s) ___ Underground tank(s)	one 55-gallon metal drum located near Warehouse 2
Describe type, method and condition	The drum was in good condition, closed and positioned on top of a secondary containment pallet. The waste profile identifies this oil as a non-hazardous "used

	oil, refined oil, excess raw material, white oil." The container was labeled "Used Oil, non-RCRA regulated oil, WP-109-8244." This oil was going to be recycled and should have been labeled "Used Oil for Recycling."
Comments:	EPA requested copies of analysis on this used oil and has, to date, not received this information. Therefore, EPA is unable to assess whether or not the oil contains total halogens less than 1000 ppm or F-listed halogen constituents below 100 ppm.

INSPECTION SCHEDULE AND LOG

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Does the facility claim inspections are conducted	Yes
Written inspection schedule	Yes
Inspection log (adequacy of contents: date, time, items inspected, corrective actions, identity of inspector, signatures, etc.)	Yes
Documentation	Yes
Appropriate tank inspections, including containment, level detection, ancillary equipment	Not Applicable
Appropriate treatment equipment inspections	Not Applicable
All loading/unloading areas subject to spills (when in use)	Yes
All hazardous waste storage areas (satellite and < 90 day where applicable), at all required frequencies	Yes
All Safety and emergency equipment (monthly) where necessary	Yes
Tanks cathodic protection (within six months, then yearly) where necessary	Not Applicable
Comments:	

CONTINGENCY PLAN

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Plan on-site	Yes
Date of plan	The integrated contingency plan is entitled "Emergency Management Plan (WI-EMP), Worthen Industries, Nashua, NH, July 20, 2010 ," and addresses RCRA, SPCC, OSHA Emergency Actions and Fire Preventions, and CWA NPDES concerns.

Emergency Coordinator(s) name, address, home and office phone numbers	Yes, but there are several conflicting pieces of information contained within the plan as to who implements the plan and who has specific responsibilities in the plan (see comments section below).
Number to call to report emergency (internal)	Yes
Plan to local authorities with proof of distribution (police, fire, hospital, emergency response teams)	Yes
Emergency procedures (fire, explosions, releases/spills)	Yes,
Emergency coordinator(s) on-site or within a short driving distance of the company at all times	Yes
Emergency equipment list location, description, capabilities	Yes
Evacuation plan (signal, primary and alternate routes)	Yes
Has the contingency plan been amended	Yes
All remaining applicable requirements addressed	No. See comments below
Comments:	<p>Multiple unnamed Facility personnel are identified by title only as having specific responsibilities to implement the plan. At other times, the Plan states that specific actions must be undertaken, but does not say who is responsible to do them. For example:</p> <p>Page 11 states: <i>Hazardous and non-hazardous wastes are accumulated in the flammable storage warehouse for shipment off-site. The driver notifies the <u>QC Laboratory Manager, or trained designee</u>, that waste drums will be picked up. The <u>Shipping and Receiving Supervisor, or a trained designee</u>, assigns a <u>trained forklift operator</u> to load the drums onto the truck. The driver ensures that all drums are closed tight, secured and not leaking before they are loaded. The driver secures the loaded drums in the truck. The <u>Shipping and Receiving Supervisor, or trained designee</u>, will check the hazardous waste storage area, loading platform and truck for spillage. Any spillage will be immediately picked up."</i></p> <p>The QC Laboratory Manager, the Shipping and Receiving Supervisor, various trained designees, the truck drivers making pick-ups, and some unspecified individuals are all identified as having major hazardous waste management and ICP implementation responsibilities.</p>

	<p>Page 12 states “Designated trained personnel” will do hazardous waste storage area inspections, but does not identify who they are by either name or title.</p> <p>Page 14 states “The Safety Manager is the Facility designee for training” for the various types of topics including hazardous waste storage and emergency response.</p> <p>Page 23, under the topic of “Major Spill Response,” states that “the Safety Manager or senior person on site” will implement many of the spill response duties.</p> <p>Page 24 identifies “the Safety Manager” as the person responsible for waste disposal from Facility incidents.</p> <p>Page 30, under “Agency Notification Procedure” no one is identified for this responsibility.</p> <p>The plan identifies the following emergency coordinators: Primary EC= Ray Rowell, Facility Manager, Alternate ECs= Jeff Gagnon Wayne Gibson</p> <p>However, as discussed above, many of the plan responsibilities are assigned to one of the alternate ECs by title only, namely the Safety Manager (a.k.a., Wayne Gibson, Occupational Health and Safety Manager), plus others who are not identified as emergency coordinators.</p> <p>Finally, the Plan does not discuss the 10 SAA locations at all.</p>
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PERSONNEL TRAINING RECORDS

Requirements:	Observations (Yes/No/NA-Explain if Needed)
All facility personnel that require training identified	Yes
All facility personnel that require training have been properly trained	Yes primarily via NHDES Hazardous Waste Coordinator training. The Primary EC (Ray Rowell) also took incident command training.
New employees trained within 6 months	Yes
Annual refresher training for all employees requiring training	Yes, annual training is required, but see next discussion.

Last annual training date for each employee	<p>Nine individuals require training: Ms. Doyon → manifest signer/inspection log reviewer Ray Rowell → Primary EC Jeff Gagnon → Alternate EC David Cooper → formerly identified Alternate EC Wayne Gibson → Alternate EC Brian Pelland → Alternate EC and manifest signer Jeff Raymond → HW Coordinator & manifest signer, Cameron Paraskeva → 2013/2014 manifest signer Valerie Connelly → Plant Manager</p> <p>Eight of the nine individuals underwent recent (2014/2015) NHDES training and had valid certifications, or were trained during the time period they had hazardous waste management duties. However, EPA only saw proof of a 3/29/12 NHDES training for Wayne Gibson, someone whose title (i.e., Safety Manager) is identified as having major emergency response duties in the Facility's 7/20/2010 contingency plan.</p>
Written description of training	Yes
Adequate training for all employees	No, see discussion regarding Wayne Gibson's training above
Job title, description, and name of employee	Yes
Job duties	Yes
Records maintained on-site until closure or three years for former employees	Yes
Comments:	

AIR EMISSIONS - SUBPART BB

NOT APPLICABLE

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Does the generator have equipment (valves, pumps, compressors, flanges, pressure relief devices, sampling connection system, or open-ended valves or lines) that contacts hazardous waste with greater than 10% organic concentration (describe)	
The facility maintains a Subpart BB plan	
Does the generator claim that any of this equipment is exempt from Subpart BB	
If an exemption is claimed, does the generator have documentation to support this claim, in accordance with 265.1064(k)	
Does the facility have a list of each piece of equipment that is subject to Subpart BB with a listing of the type of service for each piece of equipment	

All required equipment marked in such a manner that it can be distinguished readily from other pieces of equipment	
Did the facility mark/label all compliance monitoring points	
Pumps in light liquid service checked by visual inspection each calendar week for indications of liquids dripping from the pump seal	
Air monitoring conducted in accordance with Reference Method # 21	
Does the facility designate any pump, compressor or valve to be operating at no detectable emissions (i.e., less than 500 ppm above background)	
Pumps, compressors or valves operating in compliance with the requirements of 265.1052(e), 265.1053(i) and/or 265.1057(f)	
Pumps or valves in light liquid service NOT designated as operating at no detectable emissions monitored monthly to detect leaks?	
Records of monthly air monitoring inspections of each pump or valve in light liquid service present	
Are leaks (<10,000 ppm) from each pump or valve repaired on the 5-day/15-day requirement	
Describe any pumps that are exempt from 265.1052	
Does the facility have a record of each leak detected under the requirements of 265.1052, 265.1053, 265.1057 and 265.1058	
Describe any equipment in heavy liquid service	
Compliance status of any equipment in heavy liquid service	
All associated records for the Subpart BB program maintained.	
Comments:	

AIR EMISSIONS - SUBPART CC

NOT APPLICABLE

Tanks:

Requirements	Observations (Yes/NO/NA-Explain if needed)
Generator manages hazardous waste with volatile organic concentration > 500 ppm/wt in tanks	

Claims of any exemptions from the requirements of this subpart	
Comments:	

If the facility manages hazardous waste with volatile organic concentrations equal or greater than 500 ppm/wt **in tanks**, complete the following table for the tanks managing the waste.

TANK ID	TANK CAPACITY (gallons)	WASTE TYPE	DESIGN (fixed or floating roof)	LEVEL OF CONTROL (1,2 or 3)

Tanks continued:

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Facility maintains a Subpart CC Plan	
Facility has conducted appropriate waste determinations as required by 265.1084	
For a fixed-roof tank using Level 1 Controls, did the facility determine the maximum vapor pressure of the waste	
Facility records of the results of the maximum vapor pressure determination	
Did the facility inspect the fixed roof and its closure devices immediately upon putting the tank into service and at least once per year	
In the event of a defect involving a tank system, did the facility make first repairs no later than 5 calendar days after detection and complete repairs no later than 45 calendar days after detection	
If a floating roof tank is used, has the facility notified the Regional Administrator 30 days prior to a planned inspection and as soon as possible in the case of an unplanned inspection	
Compliance with operating standards of 265.1085	
Compliance with monitoring standards of Subpart CC	
Compliance with record keeping standards of 265.1090	
Comments:	

Containers:

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Does the generator manage in containers (>26 gallons in size, non-satellite) hazardous waste with volatile organic concentrations equal or greater than 550 ppm/wt	Yes
Do the containers meet Department of Transportation("DOT") requirements	Yes
Are the containers closed	Yes
Level 1 Controls (>26 gal. to 122 gal. in light material service and > 122 gal. containers NOT in light material service)	Yes
Level 2 Controls (>122 gal. container IN light material service)	Not Applicable
Level 3 Controls (>26 gal containers used for a waste stabilization process)	Not Applicable
In the event of a defect involving a container using Container Level 1 or Level 2 controls, did the facility make first repairs no later than 24 hours after detection and complete repairs no later than 5 calendar days after detection	All observed HWSA and SAA containers were closed and in good condition at time of the inspection

MANIFESTS

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Dates/months of shipping records reviewed	Calendar year 2013 through those available up to the date of the inspection
Manifests maintained for three years	Yes
Correct EPA ID numbers used	Yes
All required parts completed	Yes
Correct shipping names, numbers used	Yes
Copies distributed correctly	Yes
Exception reports filed, and available for review	Not Applicable
Manifests used for all hazardous waste shipments	Yes
Appropriate copy(ies) on-site:	Yes
Comments:	

Date	Manifest #	Waste description and amount	Comments

LAND DISPOSAL RESTRICTIONS

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Generator has determined whether the waste meets treatment standard(s)	Yes
If the waste or contaminated soil <u>does not meet</u> the treatment standard(s), the generator has sent a one-time written notification (or subsequent notification(s) if the waste changes) to each receiving facility <i>or</i> the generator has sent individual notification(s) for each shipment of waste	Yes
If the waste or contaminated soil meets the treatment standard(s) at the original point of generation, the generator has sent a one-time written notification (or subsequent notification(s) if the waste changes) to each receiving facility	Not Applicable
The generator has identified all appropriate waste codes and/or underlying hazardous constituents (UHCs) on each shipment	Yes
The generator retained on-site a copy of each LDR documentation for 3 years	Yes
Comments:	

IMPORT/EXPORT ACTIVITIES**NOT APPLICABLE****Exports:**

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Has the company exported any federal hazardous waste during the past three years	
Have Notices of Intent to Export have been filed with EPA's Office of International Activities (OIA), and has the company maintained copies of these notices, for 3 years	
Has the company received Acknowledgement of Consent letters from OIA for each of these Notices of Intent to Export	
Acknowledgement of Consent forms are attached to each export shipment	
Has the company filed with EPA's Administrator, by March 1 of each year, an annual export report summarizing the previous year's export activities	
Have exception reports been filed	

Have manifests for export shipments been completed	
Comments:	

Imports:

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Has the company/facility received wastes (hazardous/non-hazardous) from a foreign source	
If so, has notice been filed with EPA	
Comments:	

ANNUAL/BIENNIAL REPORT

The company has completed an annual or biennial report, when/if it is required: YES

Comment: No issues. Wastes described in the 2013 biennial report correspond well to the notified hazardous wastes and the waste streams observed and discussed during EPA's inspection.

UNIVERSAL WASTE

Requirements:	Observations (Yes/No/NA-Explain if Needed)
Does the company/facility handle universal wastes	Yes
What universal wastes are handled/generated by the facility	Fluorescent lamps and various batteries
Does the company/facility qualify as a LQH or SQH of universal waste	SQH
Does the current handling of universal waste prevent breakage, leakage, spillage or damage that could cause leakage	Yes
Are the containers of universal waste structurally sound and compatible with the contents	Yes
Do the universal waste containers carry appropriate markings/labeling	Yes
Does universal waste meet the requirements for accumulation start date	Yes
Does the generator comply with the less than one year accumulation time limit	Yes
Is the universal waste item or container dated from the earliest receipt of the item or when first placed in the container	Yes
Does the company/facility keep appropriate manifests or shipping documents of universal wastes either received at or shipped from the	Yes

facility to a destination facility	
Are records kept for at least three years from date of receipt to or transfer from the facility	Yes
Comments:	

OUT-BRIEF List Attendees (names/titles): EPA Representatives:
Inspectors Nachmann and MacLeod;
Facility Representatives:
Same as above

Summary of out-brief

Training Deficiency: Expired NHDES training certificate for Wayne Gibson (Last trained 2012)
Integrated Contingency Plan Deficiencies: Confusing as to who has major/key hazardous waste and emergency response roles. Plan also does not address the Facility's SAAs
Used Oil Deficiencies: Container not labeled "Used Oil for Recycling;" and no used oil analysis
Emergency contact posting was present at HWSA, but not posted at the nearby telephone
Inventory chemical compatibility concerns in the Acid Dye Area

See ATTACHMENTS: **None**